IAP10 Rec'd PCT/PTO 19 DEC 200

Approved for use through 3/31/2007. OMB 0651-0021

## U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. TRANSMITTAL LETTER TO THE UNITED STATES ATTORNEY'S DOCKET NUMBER 00914-03 DESIGNATED/ELECTED OFFICE (DO/EO/US) see 37 CFR 1.5) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/US2004/021168 01 July 2004 (1.07.2004) 01 July 2003 (1.07.2003) TITLE OF INVENTION TAG-1 and TAG-2 Proteins and Uses Thereof APPLICANT(S) FOR DO/EO/US UNIVERSITY OF VIRGINIA PATENT FOUNDATION; HOGAN, Kevin T. and SLINGLUFF, JR , Craig L Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). $\mathbf{X}$ A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. A power of attorney and/or change of address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4).

A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

PTO-1390 (Rev. 07-2005)
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U.S. APPLICATION NO	175%	1339	PCT/US2004		00914	
20. Other items or information: Small Entity Statement, Statement regarding Sequence Listing, Post Card Receipt						
The following fe	ees have b	een submitted			CALCULATIONS	PTO USE ONLY
21. X Basic national fee (37 CFR 1.492(a))					\$ 300.00	
22. X Examination	fee (37 CF					
If the written opinion prep by IPEA/US indio All other situations	cates all cla	\$ 200.00				
23. X Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority					\$ 100.00	
TOTAL OF 21, 22 and 23 =					600.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						
	ra Sheets Number of each ac		additional 50 or fraction up to a whole number)	RATE	0.00	
60 - 100 =   -40	) /50 =			x \$250	\$ 0.00	•
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					\$ 0.00	
CLAIMS	NUMBI	ER FILED	NUMBER EXTRA	RATE	\$	
Total claims	30	- 20 =	10	× \$ 50	\$ 500.00	
Independent claims	12	- 3 =	9	x \$200	\$ 1,800.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360					\$ 360.00	
TOTAL OF ABOVE CALCULATIONS =					\$ 3,260.00	
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					1,630.00	
				SUBTOTAL =	\$ 1,630.00	L
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$	0.00
TOTAL NATIONAL FEE =					\$	1,630.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property +					\$	0.00
TOTAL FEES ENCLOSED =					\$ .	1,630.00
					Amount to be refunded:	\$
					Amount to be charged	\$

10/561339 EC 2005 Rev. 07-20

(Rev. 07-2005)

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d. 🗌	Fees are to be charged to a credit card. <b>WARNING</b> : Information on this form may become public. <b>Credit card information should not be included on this form</b> . Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
Rodne Unive 250 W	LL CORRESPONDENCE TO: ey L. Sparks rsity of Virginia Patent Foundation Vest Main Street, Suite 300 ottesville, VA 22902	Rodney L. Sparks  Rodney L. Sparks  NAME  53,625  REGISTRATION NUMBER				
I hereby Address	FICATE OF MAILING UNDER 37 CFR §1.10 v certify that this correspondence is being deposited with the Unit see" Service under 37 C.F.R. §1.10 on the date indicated below assioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.					
	Date: December 19, 2005	Sue Ann Carr				

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE U. S. RECEIVING OFFICE

Title: TAG-1 and TAG-2 Proteins and Uses Thereof

### Certificate of Mailing Under 37 CFR §1.10 Express Mail No. ED 917 343 137 US

I hereby certify that this correspondence is being deposited with the United States Postal Service using Express Mail Service under 37 C.F.R. §1.10 on the date indicated below and is addressed to Mail Stop PCT, U.S. Receiving Office, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Date: December 19, 2005

### STATEMENT CLAIMING SMALL ENTITY STATUS (37 CFR 1.27 (a)(3))

Mail Stop PCT U.S. Receiving Office Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Dear Sir:

With respect to the captioned invention, I hereby state that I am an official empowered to act on behalf of the University of Virginia Patent Foundation, a nonprofit organization, and that the University of Virginia Patent Foundation is Tax Exempt Under Internal Revenue Service Code (26 USC 501(a) and 501(c) (3)) and that the nonprofit organization identified above qualifies as a nonprofit organization, as defined in 37 CFR 1.27(a)(3)(B), for purposes of paying reduced fees under Sections 41(a) and (b) of Title 35, United States Code.

I hereby state that rights under contract or law remain with and have been conveyed to the University of Virginia Patent Foundation.

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.27(g)(2)).

Respectfully submitted,

December 19, 2005

Rodney L. Sparks, In-House Patent Counsel University of Virginia Patent Foundation 250 West Main Street, Suite 300

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